



Lineman driven. Field proven.®



Manufacturer of
HOT LINE TOOLS



Phone: 828-323-8914
www.utilitysolutionsinc.com

BREAK-SAFE® Load Break & Pick-up Tool

The BREAK-SAFE® is a jumper clamp that functions like a portable switch. It is designed to operate on overhead distribution lines in conjunction with a mechanical jumper.

The BREAK-SAFE® has three operating functions:

- **LOAD BREAK**
- **LOAD PICK-UP**
- **CONTINUOUS CURRENT DUTY**

The BREAK-SAFE® is available in four models with either a Floating Head or a Duckbill Head:

- **15 kV / 300 amp**
- **27 kV / 300 amp**
- **38 kV / 300 amp**
- **46 kV / 200 amp**

In order to keep personnel at a safe distance, the BREAK-SAFE® is operated with an insulated fiberglass hot stick.

The Yellow Safety Lock helps prevent the tool from an unintended load break or pick-up operation.



Duckbill Head

Soft Case

Floating Head

PATENT NO. 6,078,008 Other Patents Pending

MODEL	OPERATIONAL VOLTAGE	RATING*	WEIGHT	CLOSED LENGTH	OPEN LENGTH
USBS-15-1-PS-S	15 kV	300 AMP	7 lb 3 oz	24"	28"
USBS-15-2-PS-S	15 kV	300 AMP	6 lb 7 oz	28"	32"
USBS-27-1-PS-S	27 kV	300 AMP	7 lb 10 oz	28"	33.5"
USBS-27-2-PS-S	27 kV	300 AMP	7 lb	32"	37.5"
USBS-38-1-PS-S	38 kV	300 AMP	8 lb 6 oz	33"	41"
USBS-38-2-PS-S	38 kV	300 AMP	7 lb 12 oz	37"	45"
USBS-46-1-PS-S	46 kV	200 AMP	10 lb 3 oz	42.5"	53.5"
USBS-46-2-PS-S	46 kV	200 AMP	9 lb 9 oz	46.5"	57.5"
USBS-600-1-S	27 kV	600 AMP	10 lb 13 oz	32"	38"
CONDUCTOR SIZE	#6 COPPER MIN. up to 954 ACSR (1.1" dia.) MAX. (600 AMP UP TO 2" dia)				



USBS-600

* LOAD BREAK, LOAD PICKUP AND CONTINUOUS CURRENT DUTY

LOAD-RANGER® XLT Load Break Tool

The LOAD-RANGER® XLT Portable Load Break Tool is designed to be used on all “hook equipped” disconnects, cutouts, switches and power fuses up to 34.5 kV and 150 BIL or less.

The LOAD-RANGER® is rugged, light and maneuverable. The XLT-1 weighs under 5 pounds and is approximately 1 lb 3 oz lighter than the competition. The arm attachment, counter mechanism and other key components are centrally located so the weight of the tool is aligned with the hot stick attachment giving the user maximum control.



USLR-XLT-1



USLR-XLT-2



- The XLT product line has higher metal-to-metal clearance when fully extended, compared to the competition.
- The XLT line is designed to be user friendly and simple to operate. The side reset button allows a lineman to keep their gloves on, eliminating pinched fingers.
- The low profile head enables our tool to reach switches that have animal guards installed.
- The built-in counter is located in the body rather than the head allowing a smaller profile tool that is better balanced.



Hard Case



optional Extended Hood

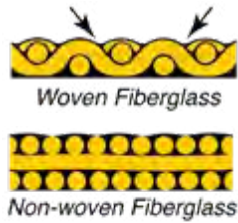


optional No Counter

MODEL	MAXIMUM VOLTAGE	MAXIMUM AMPERAGE	WEIGHT
USLR-XLT-1-H	27 kV	900 AMP	4 lb 3 oz
USLR-XLT-2-H	38 kV	900 AMP	4 lb 15 oz
-E	OPTIONAL EXTENDED HOOD		
-NC	OPTIONAL NO COUNTER		

BLUE STRIPE® Telescopic Hot Sticks

Conventional fiberglass construction uses a woven mat. This creates pockets and voids where dirt and moisture can collect. Our unique **non-woven fiberglass** is unidirectional which creates a smoother surface. The BLUE STRIPE® Fiberglass Hot Sticks have a lineman friendly grip, stay cleaner longer and are easier to clean and meet standards.



The BLUE STRIPE® Fiberglass Hot Stick line uses Epoxy resin which is the most water resistant, durable and longest lasting resin available and has superior electrical properties. Our sticks have a very high resistance to failure due to water absorption or delamination.

The most revolutionary design change to hot sticks since fiberglass is our patented BLUE STRIPE® alignment feature. Extending even our 55 footer is easy with this ingenious button alignment feature. These products are patent protected under Patent number 6,875,917 and other patents pending.



STANDARD	SIZE		CLOSED LENGTH	NO. OF SECTIONS	WEIGHT	PROTECTIVE BAG
USTS-055	55 FT.	16.8 m	69.5"	12	25 lb 4 oz	USSB-006
USTS-050	50 FT.	15.2 m	68"	11	20 lb	
USTS-045	45 FT.	13.7 m	66"	10	16 lb 8 oz	USSB-008
USTS-040	40 FT.	12.2 m	65"	9	13 lb 8 oz	
USTS-035	35 FT.	10.6 m	63"	8	11 lb	USSB-003
USTS-012	12 FT.	3.7 m	30"	7	5 lb 11 oz	
USTS-010	10 FT.	3 m	28"	6	4 lb 11 oz	
USTS-008	8 FT.	2.5 m	26"	5	3 lb 11 oz	
TAKE-APART	SIZE		CLOSED LENGTH	NO. OF SECTIONS	WEIGHT	PROTECTIVE BAG
USTS-TA-045	45 FT.	13.7 m	71"	10	16.5 lbs	USSB-006
USTS-TA-040	40 FT.	12.2 m	69"	9	13.5 lbs	
USTS-TA-035	35 FT.	10.6 m	68"	8	11 lbs	

Tiplock is standard

Visit our website for more sizes and options

BLUE STRIPE® Measuring Stick

ENGLISH (Feet/Inches)	METRIC (Meters/Centimeters)	SIZE		WEIGHT	PROTECTIVE BAG
STANDARD w/ Non-Tiplock					
USTS-050-EM	USTS-050-MM	50 FT.	15.2 m	20 lbs	USSB-006
USTS-045-EM	USTS-045-MM	45 FT.	13.7 m	16 lbs 8 oz	USSB-008
USTS-040-EM	USTS-040-MM	40 FT.	12.2 m	13 lbs 8 oz	
USTS-035-EM	USTS-035-MM	35 FT.	10.6 m	11 lbs	
TAKE-APART w/ Tiplock					
USTS-TA-045-EM	USTS-TA-045-MM	45 FT.	13.7 m	16.5 lbs	USSB-006
USTS-TA-040-EM	USTS-TA-040-MM	40 FT.	12.2 m	13.5 lbs	
USTS-TA-035-EM	USTS-TA-035-MM	35 FT.	10.6 m	11 lbs	

Visit our website for more sizes and options



BLUE STRIPE® Shotgun Sticks

BLUE STRIPE® Shotgun Sticks are manufactured from the highest electrical grade insulated fiberglass and meet or exceed all applicable industry performance criteria and feature:

- Replaceable hanger hooks.
- Patented BLUE STRIPE® feature to verify hook position.
- Stainless steel operating hook.
- Multiple rod guides ensure smooth operation.

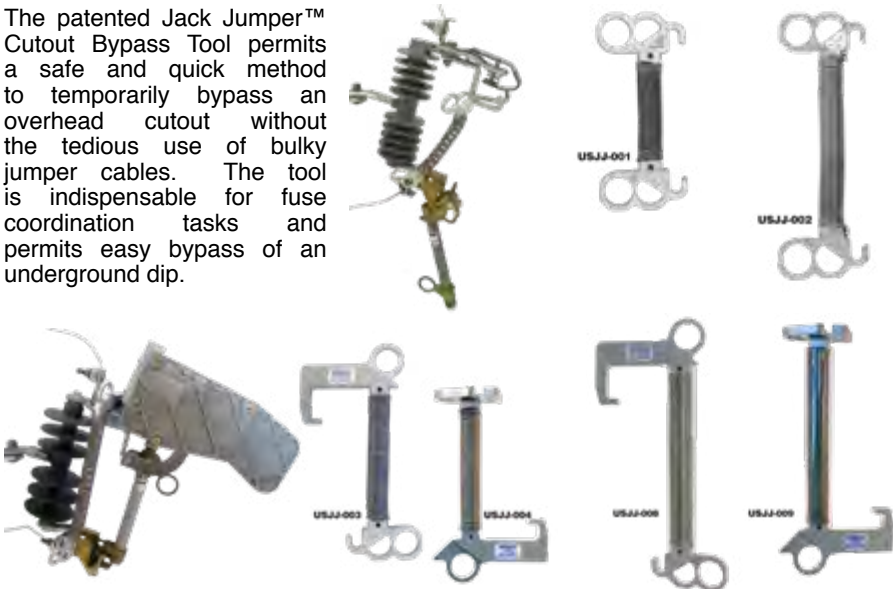


INTERNAL ROD	EXTERNAL ROD	SIZE		WEIGHT	BAG
with Rubber End Cap (EC)					
USSG-008-IREC	USSG-008-EREC	8' 8"	2.6 m	5 lb 14 oz	USSB-009
USSG-010-IREC	USSG-010-EREC	10' 6"	3.2 m	6 lb 13 oz	USSB-011
USSG-012-IREC	USSG-012-EREC	12' 6"	3.8 m	9 lb 8 oz	USSB-012
with Universal Spline End (SE)					
USSG-008-IRSE	USSG-008-ERSE	8' 8"	2.6 m	5 lb 14 oz	USSB-009
USSG-010-IRSE	USSG-010-ERSE	10' 6"	3.2 m	6 lb 13 oz	USSB-011
USSG-012-IRSE	USSG-012-ERSE	12' 6"	3.8 m	9 lb 8 oz	USSB-012

Visit our website for more sizes and options

Jack Jumper™ Cutout Bypass Tool

The patented Jack Jumper™ Cutout Bypass Tool permits a safe and quick method to temporarily bypass an overhead cutout without the tedious use of bulky jumper cables. The tool is indispensable for fuse coordination tasks and permits easy bypass of an underground dip.



The Jack Jumper™ Cutout Bypass Tool saves time and money, eliminates risk of service interruption and prevents accidental cross phasing.

All Jack Jumper™ Cutout Bypass Tools are rated at 100 AMP. Installation and removal is done with a shotgun stick.



ITEM NUMBER	DESCRIPTION	WEIGHT
USJJ-001-S	15 kV Cutout Bypass Tool	12 oz
USJJ-002-S	27 kV Cutout Bypass Tool	15 oz
USJJ-003-S	15 kV Chance® Load Break Cutout Bypass Tool	15 oz
USJJ-004-S	15 kV ABB Load Break Cutout Bypass Tool	15 oz
USJJ-005-S	38 kV Cutout Bypass Tool AND S&C SMD-20 15 kV Power Fuse Bypass Tool	1 lb 3 oz
USJJ-006-S	S&C SMD-20 27 kV Power Fuse Bypass Tool	1 lb 4 oz
USJJ-007-S	S&C SMD-20 38 kV Power Fuse Bypass Tool	1 lb 14 oz
USJJ-008-S	27 kV Chance® Load Break Cutout Bypass Tool	1 lb 2 oz
USJJ-009-S	27 kV ABB Load Break Cutout Bypass Tool	1 lb 2 oz

Load-Trainer II Transformer Simulator

The Load-Trainer II is a portable 3-phase trainer that offers an immersive learning environment for linemen.

Users apply jumpers between source lines, transformers and a secondary system to simulate: phase-to-phase voltages, phase-to-neutral voltages, phase angles, polarity, back-feeding and other key principles of electrical distribution systems.



Grounds Tester

The USGT-600 Grounds Tester evaluates grounding assemblies in compliance with ASTM standards. It includes a built in voltmeter to determine pass/fail criteria of various lengths of ground sets from sizes #2 through double 4/0.

The Grounds tester can evaluate clamps, ferrule connections, and cables. Comes in a rugged case with both brass ball stud and brass flat head electrodes. Optional accessories:

- 27kV ELBOW
- 15 kV ELBOW
- 27 kV BUSHING
- 15 kV BUSHING
- SUBSTATION CLAMP ADAPTER



ITEM NUMBER	DESCRIPTION	WEIGHT	DIMENSIONS
XFMR-001-H	LOAD-TRAINER II TRANSFORMER SIMULATOR WITH HARDCASE	Approx. 16 lbs.	27.5" wide x 19" tall x 3.5" deep
XFMR-001-S	LOAD-TRAINER II TRANSFORMER SIMULATOR WITH SOFTCASE	Approx. 16 lbs.	27.5" wide x 19" tall x 3.5" deep
USGT-600	PROTECTIVE GROUND TESTER	Approx. 45 lbs.	20" wide x 15" tall x 7.5" deep

Klondike Clamp™



The Klondike Clamp™ safely and quickly secures rubber blankets without causing damage and eliminates the need for tie wrap, bungee cords, Velcro® or tape.

Bucket Mate™ Polymeric Hook

The Bucket Mate™ is machined from high performance polymer and has a 75 lb. weight rating. Because of its durability, we offer a 5 year unlimited warranty against breakage.



Meter Grabber™



The Meter Grabber™ is used to safely remove and install any size electric meter. The clamshell design securely captures the entire meter base giving the operator mechanical leverage from a safer distance.



ITEM NUMBER	DESCRIPTION
USCP-001	6"-11" DIA. KLONDIKE CLAMP®
USCP-002	11"-20" DIA. KLONDIKE CLAMP®
USBM-004	POLYMERIC BUCKET MATE™ BLANKET HOOK
USBM-004-W	WIDE SLOT POLYMERIC BUCKET MATE™ BLANKET HOOK
USMG-001	METER GRABBER™
USMG-002	METER GRABBER™ WITH ARC SHIELD RINGS

Fuse-Safe™

The Fuse-Safe™ is a temporary, portable current-limiting fuse and fault close-in protection tool. The current-limiting fuse design will not expel hot metal or gases when triggered. Two models, w/ T&B Hi-Tech Fuse of your choice.



Grab-It™ Cutout Fuse Tube Remover

The patented Grab-It™ offers a safe and simple method to remove and install overhead fuse barrels. Easily attaches to any size hot stick. Simply sweep behind the fuse barrel, push up to engage the patented forks, then lift and remove.



Varmint Shield™



The Varmint Shield™ is a round animal guard that installs with a hotstick. It is made from a UV stabilized and flame retardant (UL 94 V-0) polymer that can handle years of extreme weather and will not become brittle in freezing temperatures.



Jumper Hook

The Jumper Hook is designed to eliminate jumper clamp sag and prevent potential cross-phasing situations without using tape, bungee cords or rope. 6 per box.



ITEM NUMBER	DESCRIPTION
USFS-001	FUSE-SAFE™ PORTABLE CURRENT LIMITING FUSE TOOL (DUCKBILL) W/ 5/8" DIA. CONDUCTOR BAR (FUSE SOLD SEPARATELY)
USFS-002	FUSE-SAFE™ 5/8" CONDUCTOR BAR WITH UNSPECIFIED FUSE INCLUDED
GRAB-IT-1	100 AMP CUTOUT FUSE TUBE REMOVER
GRAB-IT-2	100 & 200 AMP CUTOUT FUSE TUBE REMOVER
USJH-001	POLYMERIC JUMPER HOOK (6 PER BOX)

Blanket Mate™ Heavy Duty Blanket Holder

Safely and securely position rubber insulating blankets using a shotgun stick. The tear drop shaped ends easily slide through the molded holes on a blanket. Includes 5 year warranty.



Conductor Cleaning Brush

The unique, stick operated Conductor Cleaners allow 360 degree brushing of a wide range of conductor sizes. Stainless steel tension springs assure aggressive brush cleaning action to remove even the most stubborn oxide layer. Two sizes available.



Blanket Clamp

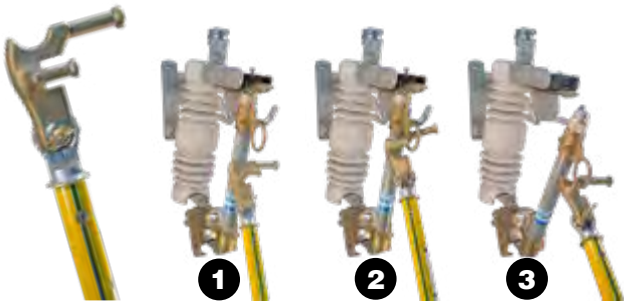
USBA-001
Hand operable Blanket Clamp.



USBA-002
Blanket Clamp designed for remote operation using a shotgun stick.



Quick Grab Probe



The Quick Grab Probe quickly opens most any fuse door.

Simply lay the arched shaped head against the barrel then slide up and rotate the top probe inside the ring and **PULL!**

ITEM NUMBER	DESCRIPTION
USBM-001	BLANKET MATE 6 MAGNET BLANKET ANCHOR
USBM-002	BLANKET MATE 8 MAGNET BLANKET ANCHOR
USCC-010	CONDUCTOR CLEANING BRUSH (1/8" - 3")
USBA-001	BLANKET CLAMP (QTY 10 PER BOX)
USBA-002	BLANKET CLAMP SHOTGUN OPERABLE (QTY 10 PER BOX)
USSA-QGP	QUICK GRAB PROBE (ADD "--F" FOR HI-VIS COLOR)

Conductor Lift Snatch Block

The Conductor Lift Snatch Block is a compact, heavy-duty pulley specifically designed for construction, repairs and maintenance on overhead conductors. 3 lb machined aluminum body with a 1500 pound maximum working load and 5 year warranty.



Electric Meter Jumper Leads

Our Electric Meter Jumper Lead sets are a convenient and safe method to prevent a customer outage during a meter removal or change-out.



Bucket Stick Storage Case



The Utility Solutions bucket stick storage case conveniently clips to the inside of a bucket. The cover protects and secures a hot stick while keeping it out of harm's way. Holes in the base provide drainage to ensure the interior stays dry. Fits most Bucket Sticks from 4' to 12'.

BLUE STRIPE® Telescopic Stick Stopper

The BLUE STRIPE® Telescopic Stick Stopper attaches to telescopic sticks from 16ft to 50ft and keeps it from sliding out.



Catalog Number	BLUE STRIPE®	HASTINGS	CHANCE
USSA-SS2	USTS-025 USTS-030 USTS-HD-020 USTS-HD-025	S/ST-225 S/ST-230 SH-200 SH-250	C4031020 C4031021 C4031600 C4031601
USSA-SS3	USTS-035 USTS-040 USTS-HD-030 USTS-HD-035	S/ST-235 S/ST-240 SH-230 SH-235	C4031022 C4031739 T4033349 C4031602

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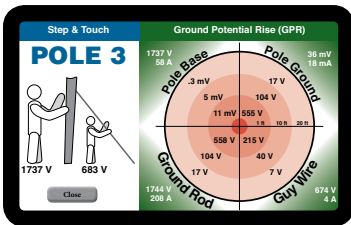
ITEM NUMBER	DESCRIPTION
USCL-001	CONDUCTOR LIFT SNATCH BLOCK
USJL-001	ELECTRIC METER JUMPER LEADS - FERRULE END (SET OF TWO)
USJL-002	ELECTRIC METER JUMPER LEADS - FERRULE END WITH 100 AMP BREAKER (SET OF TWO)
USBC-001	BLUE PLASTIC BUCKET STICK CASE

NEW PRODUCTS

Grounds-Trainer™ Personal Protective Grounding Simulator

The Grounds-Trainer™ is a portable personal protective grounding simulator that offers a hands-on learning environment for all levels of line-workers, safety & training instructors, engineers, and other utility personnel.

Operators apply grounding jumpers on a faceplate illustrating an overhead distribution system and see real-time results of Bracket Grounding, Equipotential Zone Grounding (EPZ) and Shunt Grounding.



ITEM NUMBER	DESCRIPTION	WEIGHT	DIMENSIONS
GNDS-001-H	GROUND-TRAINER™w PERSONAL PROTECTIVE GROUNDING SIMULATOR W/ HARDCASE	Approx. 20 lbs.	27.5" wide x 19" tall x 3.5" deep
GNDS-001-S	GROUND-TRAINER™w PERSONAL PROTECTIVE GROUNDING SIMULATOR W/ SOFTCASE	Approx. 20 lbs.	27.5" wide x 19" tall x 3.5" deep

Products with a 5 Year Warranty

Buy with Confidence.

- Bucket Mate™ Polymeric Hook
- Conductor Lift Snatch Block
- Padmount Hex Adapter Set
- Blanket Mate™ Heavy Duty Blanket Holder



**Designed and Manufactured in
Hickory, NC - USA**

2020-02

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